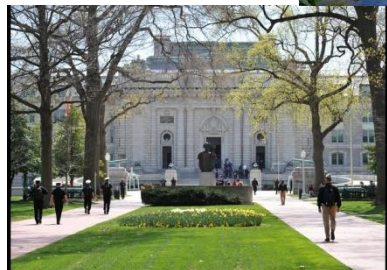


2013



Montgomery County Annual HIV Epidemiological Profile

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Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmf.maryland.gov/oideor/chse>
1-800-358-9001**

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

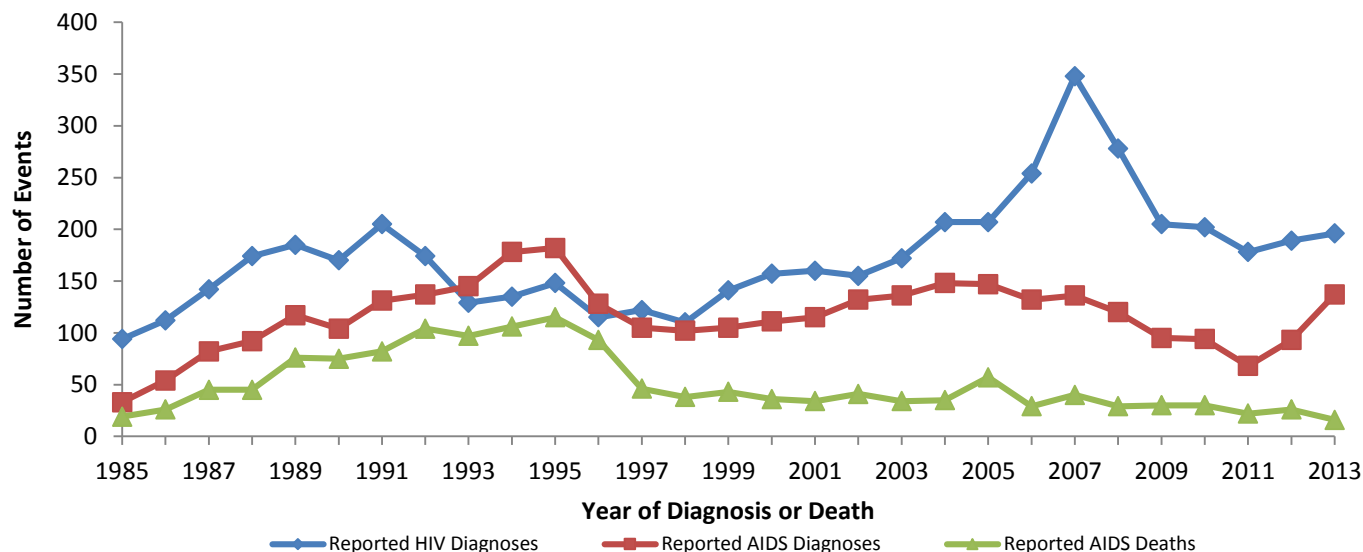
Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014

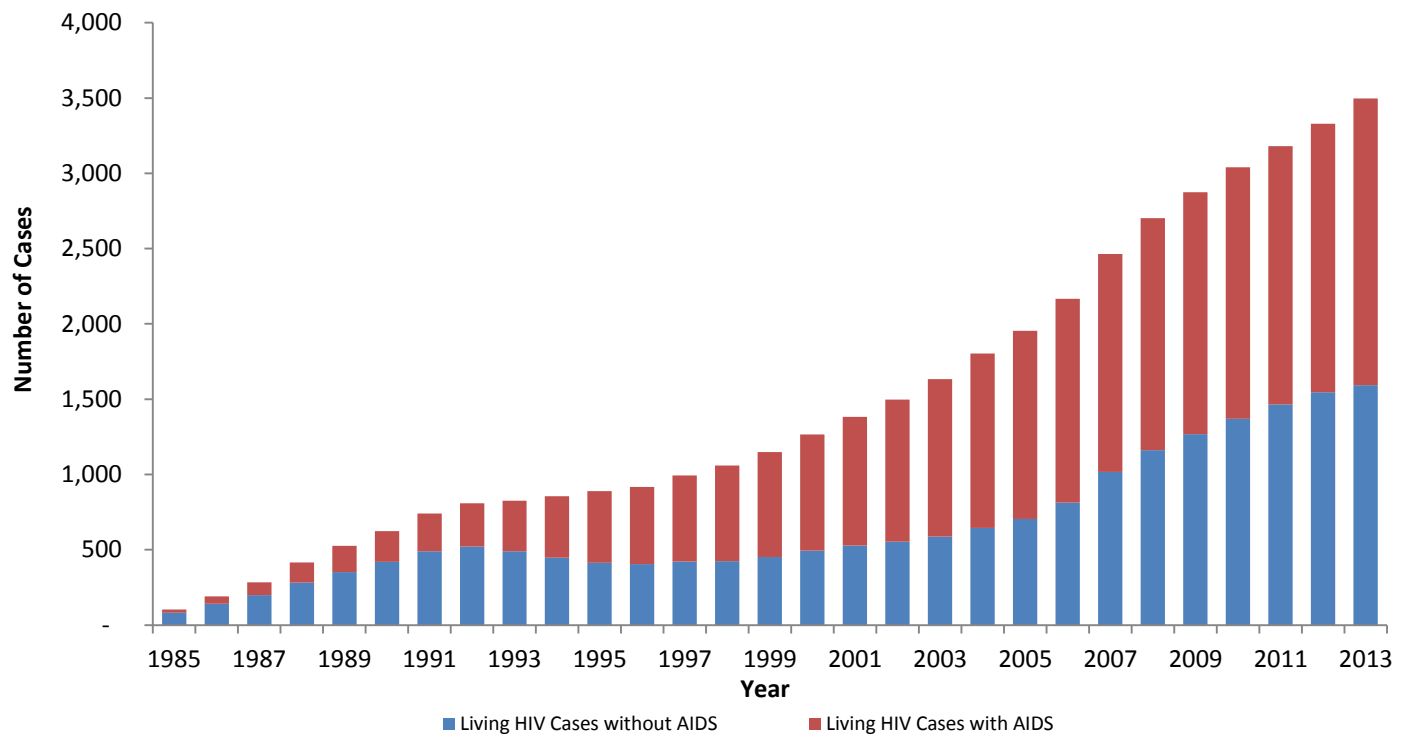
During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	38	16	8	1999	141	105	43
1985	94	33	19	2000	157	111	36
1986	112	54	26	2001	160	115	34
1987	142	82	45	2002	155	132	41
1988	174	92	45	2003	172	136	34
1989	185	117	76	2004	207	148	35
1990	170	104	75	2005	207	147	57
1991	205	131	82	2006	254	132	29
1992	174	137	104	2007	348	136	40
1993	129	145	97	2008	278	120	29
1994	135	178	106	2009	205	95	30
1995	148	182	115	2010	202	94	30
1996	115	128	93	2011	178	68	22
1997	122	105	46	2012	189	93	26
1998	110	102	38	2013	196	137	16
				TOTAL	5,102	3,375	1,477

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

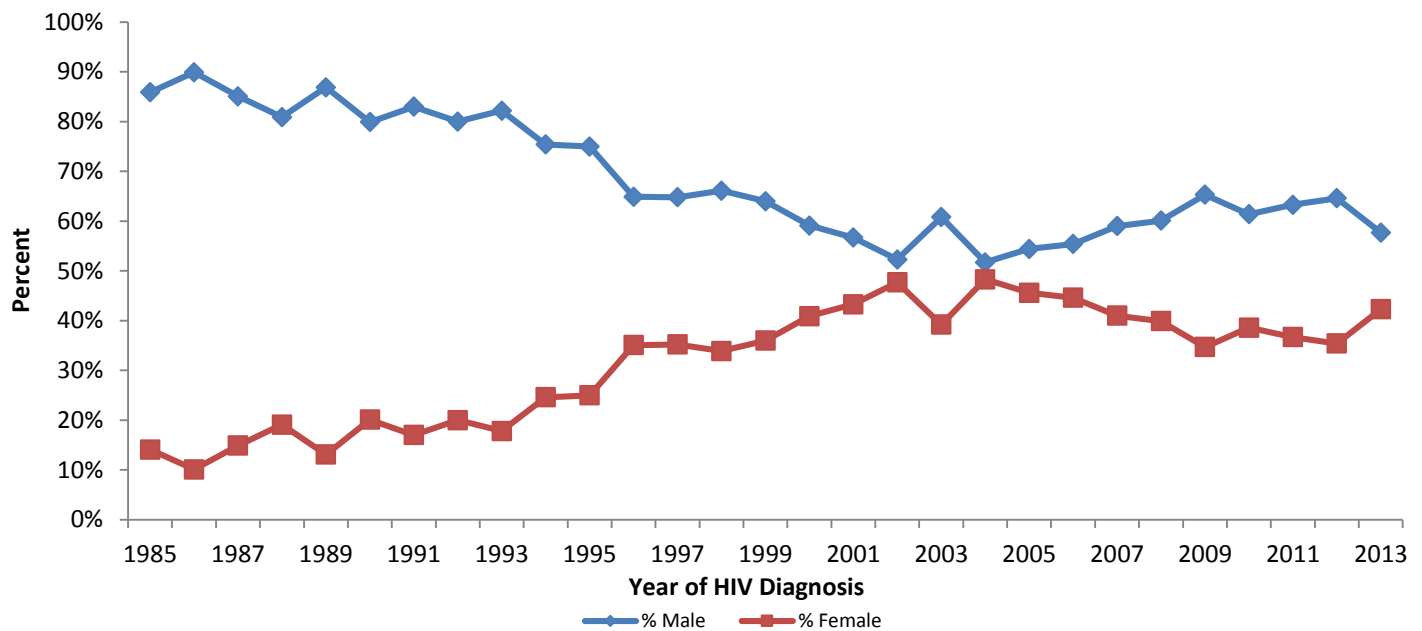
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	82	21	103	1999	452	696	1,148
1986	141	49	190	2000	494	771	1,265
1987	199	86	285	2001	529	853	1,382
1988	282	133	415	2002	554	944	1,498
1989	352	174	526	2003	588	1,046	1,634
1990	421	203	624	2004	645	1,159	1,804
1991	490	252	742	2005	705	1,249	1,954
1992	523	286	809	2006	814	1,352	2,166
1993	491	334	825	2007	1,017	1,448	2,465
1994	448	407	855	2008	1,161	1,541	2,702
1995	413	476	889	2009	1,268	1,606	2,874
1996	406	511	917	2010	1,369	1,670	3,039
1997	423	570	993	2011	1,465	1,716	3,181
1998	425	634	1,059	2012	1,546	1,783	3,329
				2013	1,593	1,904	3,497

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

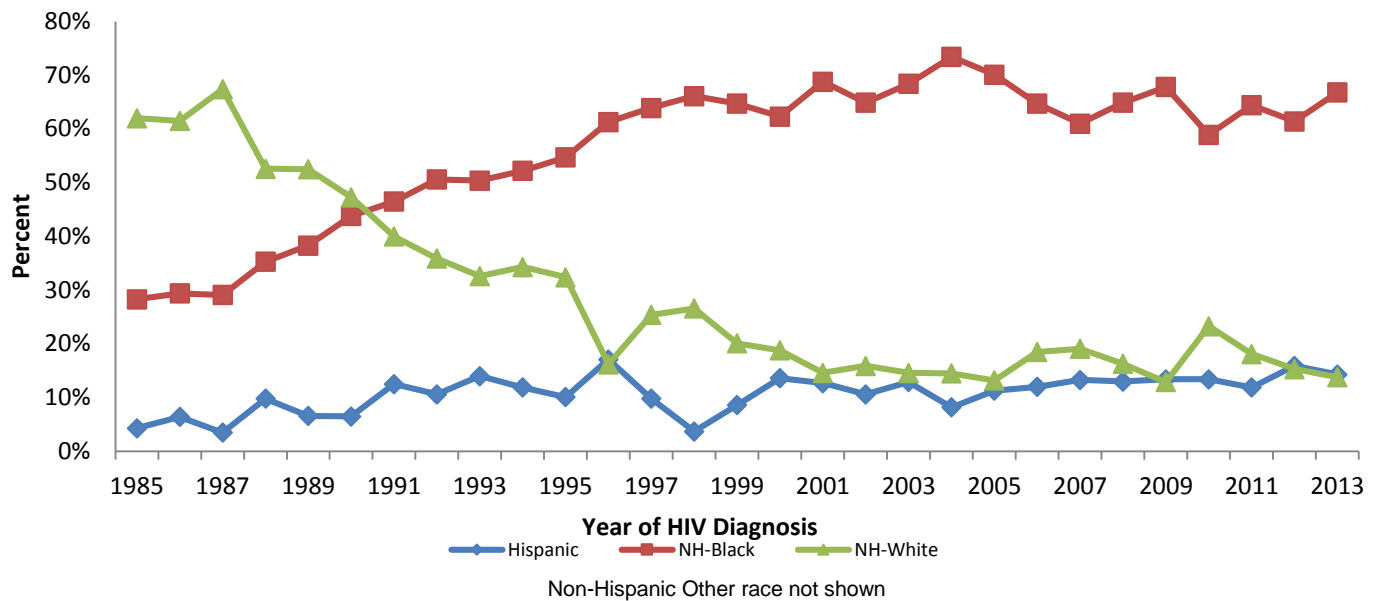
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	38	89.5%	10.5%	1999	139	64.0%	36.0%
1985	92	85.9%	14.1%	2000	154	59.1%	40.9%
1986	109	89.9%	10.1%	2001	157	56.7%	43.3%
1987	141	85.1%	14.9%	2002	151	52.3%	47.7%
1988	173	80.9%	19.1%	2003	171	60.8%	39.2%
1989	183	86.9%	13.1%	2004	207	51.7%	48.3%
1990	169	79.9%	20.1%	2005	204	54.4%	45.6%
1991	200	83.0%	17.0%	2006	249	55.4%	44.6%
1992	170	80.0%	20.0%	2007	346	59.0%	41.0%
1993	129	82.2%	17.8%	2008	276	60.1%	39.9%
1994	134	75.4%	24.6%	2009	202	65.3%	34.7%
1995	148	75.0%	25.0%	2010	202	61.4%	38.6%
1996	111	64.9%	35.1%	2011	177	63.3%	36.7%
1997	122	64.8%	35.2%	2012	189	64.6%	35.4%
1998	109	66.1%	33.9%	2013	196	57.7%	42.3%
				TOTAL	5,048	67.1%	32.9%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

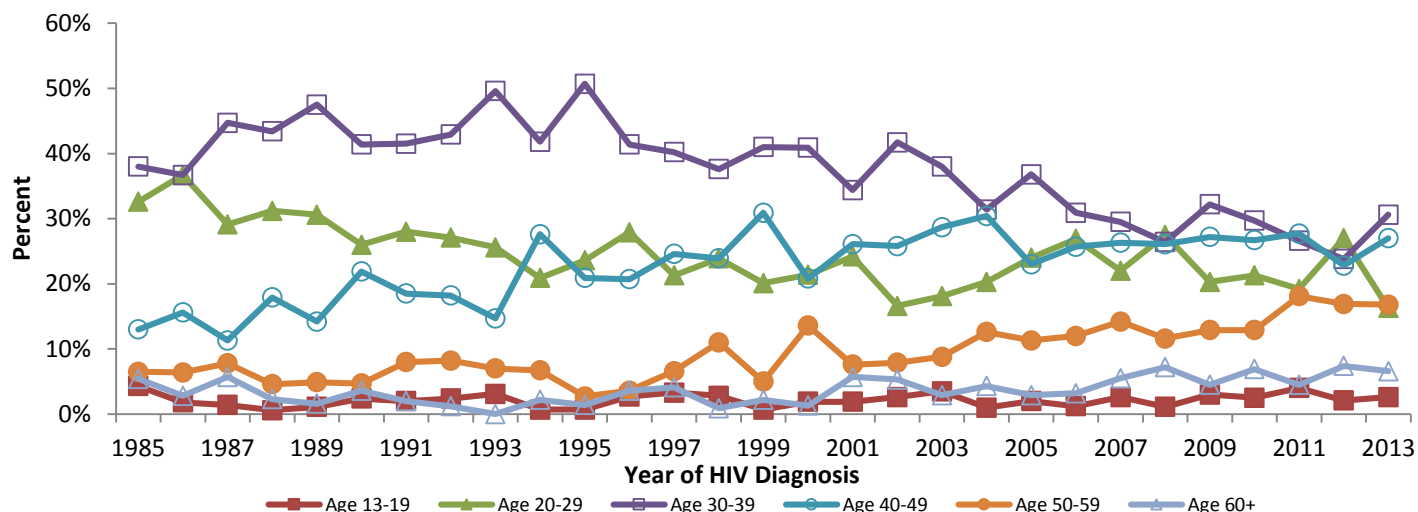
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	38	5.3%	39.5%	55.3%	0.0%
1985	92	4.3%	28.3%	62.0%	5.4%
1986	109	6.4%	29.4%	61.5%	2.8%
1987	141	3.5%	29.1%	67.4%	0.0%
1988	173	9.8%	35.3%	52.6%	2.3%
1989	183	6.6%	38.3%	52.5%	2.7%
1990	169	6.5%	43.8%	47.3%	2.4%
1991	200	12.5%	46.5%	40.0%	1.0%
1992	170	10.6%	50.6%	35.9%	2.9%
1993	129	14.0%	50.4%	32.6%	3.1%
1994	134	11.9%	52.2%	34.3%	1.5%
1995	148	10.1%	54.7%	32.4%	2.7%
1996	111	17.1%	61.3%	16.2%	5.4%
1997	122	9.8%	63.9%	25.4%	0.8%
1998	109	3.7%	66.1%	26.6%	3.7%
1999	139	8.6%	64.7%	20.1%	6.5%
2000	154	13.6%	62.3%	18.8%	5.2%
2001	157	12.7%	68.8%	14.6%	3.8%
2002	151	10.6%	64.9%	15.9%	8.6%
2003	171	12.9%	68.4%	14.6%	4.1%
2004	207	8.2%	73.4%	14.5%	3.9%
2005	204	11.3%	70.1%	13.2%	5.4%
2006	249	12.0%	64.7%	18.5%	4.8%
2007	346	13.3%	61.0%	19.1%	6.6%
2008	276	13.0%	64.9%	16.3%	5.8%
2009	202	13.4%	67.8%	12.9%	5.9%
2010	202	13.4%	58.9%	23.3%	4.5%
2011	177	11.9%	64.4%	18.1%	5.6%
2012	189	15.9%	61.4%	15.3%	7.4%
2013	196	14.3%	66.8%	13.8%	5.1%
TOTAL	5,048	11.1%	57.5%	27.1%	4.3%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

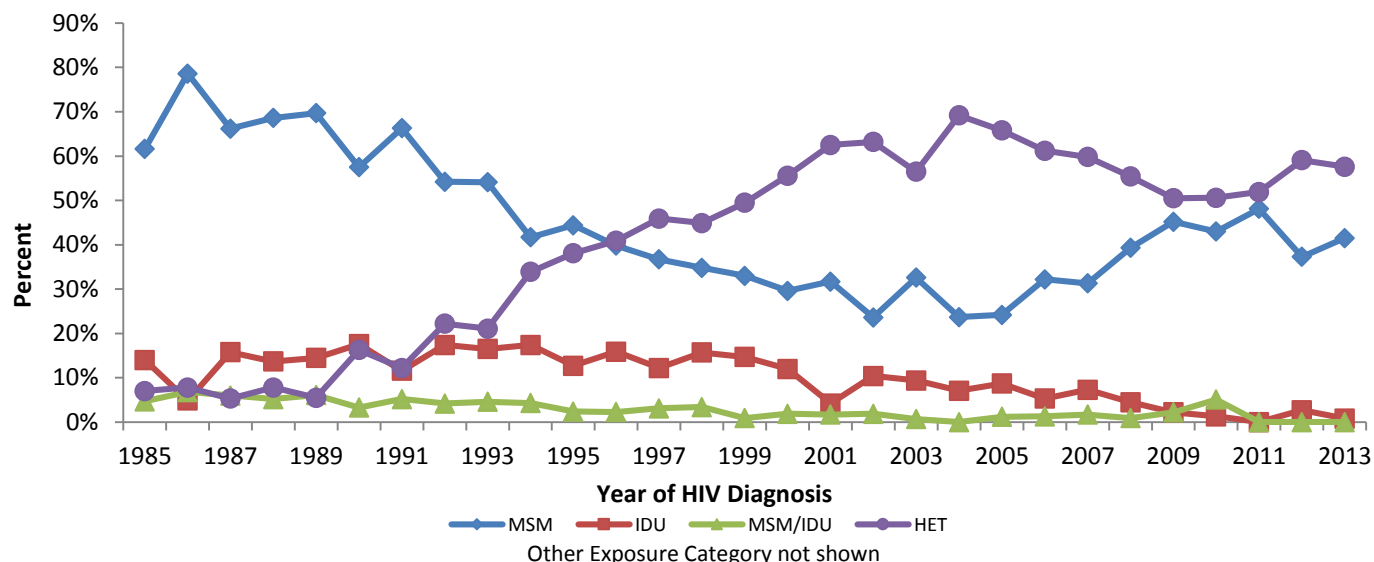
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	38	5.3%	28.9%	34.2%	18.4%	7.9%	5.3%
1985	92	4.3%	32.6%	38.0%	13.0%	6.5%	5.4%
1986	109	1.8%	36.7%	36.7%	15.6%	6.4%	2.8%
1987	141	1.4%	29.1%	44.7%	11.3%	7.8%	5.7%
1988	173	0.6%	31.2%	43.4%	17.9%	4.6%	2.3%
1989	183	1.1%	30.6%	47.5%	14.2%	4.9%	1.6%
1990	169	2.4%	26.0%	41.4%	21.9%	4.7%	3.6%
1991	200	2.0%	28.0%	41.5%	18.5%	8.0%	2.0%
1992	170	2.4%	27.1%	42.9%	18.2%	8.2%	1.2%
1993	129	3.1%	25.6%	49.6%	14.7%	7.0%	0.0%
1994	134	0.7%	20.9%	41.8%	27.6%	6.7%	2.2%
1995	148	0.7%	23.6%	50.7%	20.9%	2.7%	1.4%
1996	111	2.7%	27.9%	41.4%	20.7%	3.6%	3.6%
1997	122	3.3%	21.3%	40.2%	24.6%	6.6%	4.1%
1998	109	2.8%	23.9%	37.6%	23.9%	11.0%	0.9%
1999	139	0.7%	20.1%	41.0%	30.9%	5.0%	2.2%
2000	154	1.9%	21.4%	40.9%	20.8%	13.6%	1.3%
2001	157	1.9%	24.2%	34.4%	26.1%	7.6%	5.7%
2002	151	2.6%	16.6%	41.7%	25.8%	7.9%	5.3%
2003	171	3.5%	18.1%	38.0%	28.7%	8.8%	2.9%
2004	207	1.0%	20.3%	31.4%	30.4%	12.6%	4.3%
2005	204	2.0%	24.0%	36.8%	23.0%	11.3%	2.9%
2006	249	1.2%	26.9%	30.9%	25.7%	12.0%	3.2%
2007	346	2.6%	22.0%	29.5%	26.3%	14.2%	5.5%
2008	276	1.1%	27.5%	26.4%	26.1%	11.6%	7.2%
2009	202	3.0%	20.3%	32.2%	27.2%	12.9%	4.5%
2010	202	2.5%	21.3%	29.7%	26.7%	12.9%	6.9%
2011	177	4.0%	19.2%	26.6%	27.7%	18.1%	4.5%
2012	189	2.1%	27.0%	23.8%	22.8%	16.9%	7.4%
2013	196	2.6%	16.3%	30.6%	27.0%	16.8%	6.6%
TOTAL	5,048	2.1%	24.2%	36.5%	23.3%	10.0%	3.9%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	38	33	75.8%	9.1%	6.1%	3.0%	6.1%
1985	92	86	61.6%	14.0%	4.7%	7.0%	12.8%
1986	109	103	78.6%	4.9%	6.8%	7.8%	1.9%
1987	141	133	66.2%	15.8%	6.0%	5.3%	6.8%
1988	173	153	68.6%	13.7%	5.2%	7.8%	4.6%
1989	183	165	69.7%	14.5%	6.1%	5.5%	4.2%
1990	169	153	57.5%	17.6%	3.3%	16.3%	5.2%
1991	200	172	66.3%	11.6%	5.2%	12.2%	4.7%
1992	170	144	54.2%	17.4%	4.2%	22.2%	2.1%
1993	129	109	54.1%	16.5%	4.6%	21.1%	3.7%
1994	134	115	41.7%	17.4%	4.3%	33.9%	2.6%
1995	148	126	44.4%	12.7%	2.4%	38.1%	2.4%
1996	111	88	39.8%	15.9%	2.3%	40.9%	1.1%
1997	122	98	36.7%	12.2%	3.1%	45.9%	2.0%
1998	109	89	34.8%	15.7%	3.4%	44.9%	1.1%
1999	139	109	33.0%	14.7%	0.9%	49.5%	1.8%
2000	154	108	29.6%	12.0%	1.9%	55.6%	0.9%
2001	157	120	31.7%	4.2%	1.7%	62.5%	0.0%
2002	151	106	23.6%	10.4%	1.9%	63.2%	0.9%
2003	171	138	32.6%	9.4%	0.7%	56.5%	0.7%
2004	207	156	23.7%	7.1%	0.0%	69.2%	0.0%
2005	204	161	24.2%	8.7%	1.2%	65.8%	0.0%
2006	249	152	32.2%	5.3%	1.3%	61.2%	0.0%
2007	346	179	31.3%	7.3%	1.7%	59.8%	0.0%
2008	276	112	39.3%	4.5%	0.9%	55.4%	0.0%
2009	202	93	45.2%	2.2%	2.2%	50.5%	0.0%
2010	202	79	43.0%	1.3%	5.1%	50.6%	0.0%
2011	177	79	48.1%	0.0%	0.0%	51.9%	0.0%
2012	189	110	37.3%	2.7%	0.0%	59.1%	0.9%
2013	196	118	41.5%	0.8%	0.0%	57.6%	0.0%
TOTAL	5,048	3,587	45.1%	10.3%	2.8%	39.7%	2.1%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		# with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
20705	152	0	0.0%	0.0	--	--	--	--	--	--	--
20707	278	0	0.0%	0.0	--	--	--	--	--	--	--
20777	41	0	0.0%	0.0	--	--	--	--	--	--	--
20812	213	0	0.0%	0.0	--	--	--	--	--	--	--
20814	24,997	8	4.1%	32.0	7	87.5%	***	***	***	***	***
20815	25,917	5	2.6%	19.3	***	***	***	***	***	***	***
20816	13,800	1	0.5%	7.2	***	***	***	***	***	***	***
20817	31,032	0	0.0%	0.0	--	--	--	--	--	--	--
20818	1,746	0	0.0%	0.0	--	--	--	--	--	--	--
20832	21,699	2	1.0%	9.2	***	***	***	***	***	***	***
20833	6,521	0	0.0%	0.0	--	--	--	--	--	--	--
20837	5,052	1	0.5%	19.8	***	***	***	***	***	***	***
20838	230	0	0.0%	0.0	--	--	--	--	--	--	--
20839	195	0	0.0%	0.0	--	--	--	--	--	--	--
20841	8,566	0	0.0%	0.0	--	--	--	--	--	--	--
20842	1,349	0	0.0%	0.0	--	--	--	--	--	--	--
20850	40,745	9	4.6%	22.1	7	77.8%	***	***	8	88.9%	302
20851	12,565	2	1.0%	15.9	***	***	***	***	***	***	***
20852	36,883	5	2.6%	13.6	***	***	***	***	***	***	***
20853	25,969	3	1.5%	11.6	***	***	***	***	***	***	***
20854	43,198	3	1.5%	6.9	***	***	***	***	***	***	***
20855	12,762	0	0.0%	0.0	--	--	--	--	--	--	--
20860	2,127	1	0.5%	47.0	***	***	***	***	***	***	***
20861	1,660	0	0.0%	0.0	--	--	--	--	--	--	--
20862	320	0	0.0%	0.0	--	--	--	--	--	--	--
20866	11,410	2	1.0%	17.5	***	***	***	***	***	***	***
20868	694	0	0.0%	0.0	--	--	--	--	--	--	--
20871	10,083	0	0.0%	0.0	--	--	--	--	--	--	--
20872	11,195	1	0.5%	8.9	0	0.0%	0	0.0%	0	0.0%	--
20874	48,432	10	5.1%	20.6	9	90.0%	5	50.0%	10	100.0%	276
20876	21,292	1	0.5%	4.7	***	***	***	***	***	***	***
20877	29,317	7	3.6%	23.9	6	85.7%	***	***	7	100.0%	483
20878	53,480	6	3.1%	11.2	6	100.0%	***	***	5	83.3%	181
20879	20,846	4	2.0%	19.2	***	***	***	***	***	***	***
20880	413	0	0.0%	0.0	--	--	--	--	--	--	--
20882	12,288	0	0.0%	0.0	--	--	--	--	--	--	--
20886	28,624	4	2.0%	14.0	***	***	***	***	***	***	***
20895	16,252	5	2.6%	30.8	5	100.0%	***	***	5	100.0%	515
20896	783	0	0.0%	0.0	--	--	--	--	--	--	--
20899	145	0	0.0%	0.0	--	--	--	--	--	--	--
20901	29,734	15	7.7%	50.4	12	80.0%	5	33.3%	12	80.0%	305
20902	41,870	14	7.1%	33.4	9	64.3%	***	***	8	57.1%	365
20903	15,364	11	5.6%	71.6	6	54.5%	***	***	8	72.7%	294
20904	47,325	26	13.3%	54.9	23	88.5%	12	46.2%	25	96.2%	274
20905	15,995	3	1.5%	18.8	***	***	***	***	***	***	***
20906	57,381	22	11.2%	38.3	18	81.8%	8	36.4%	16	72.7%	281
20910	34,129	14	7.1%	41.0	13	92.9%	***	***	13	92.9%	482
20912	18,541	9	4.6%	48.5	5	55.6%	***	***	6	66.7%	200
21771	224	0	0.0%	0.0	--	--	--	--	--	--	--
Unknown	--	2	1.0%	--	***	***	***	***	***	***	***
TOTAL	843,834	196	100.0%	23.2	158	80.60%	73	37.2%	156	79.6%	288

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20705	152	0	0.0%	0.0	--	--
20707	278	0	0.0%	0.0	--	--
20777	41	0	0.0%	0.0	--	--
20812	213	0	0.0%	0.0	--	--
20814	24,997	5	3.6%	20.0	0.9	60.0%
20815	25,917	2	1.5%	7.7	***	***
20816	13,800	0	0.0%	0.0	--	--
20817	31,032	3	2.2%	9.7	***	***
20818	1,746	0	0.0%	0.0	--	--
20832	21,699	2	1.5%	9.2	***	***
20833	6,521	0	0.0%	0.0	--	--
20837	5,052	1	0.7%	19.8	***	***
20838	230	0	0.0%	0.0	--	--
20839	195	0	0.0%	0.0	--	--
20841	8,566	0	0.0%	0.0	--	--
20842	1,349	0	0.0%	0.0	--	--
20850	40,745	6	4.4%	14.7	1.7	66.7%
20851	12,565	3	2.2%	23.9	***	***
20852	36,883	5	3.6%	13.6	5.5	20.0%
20853	25,969	3	2.2%	11.6	***	***
20854	43,198	2	1.5%	4.6	***	***
20855	12,762	0	0.0%	0.0	--	--
20860	2,127	1	0.7%	47.0	***	***
20861	1,660	1	0.7%	60.2	***	***
20862	320	0	0.0%	0.0	--	--
20866	11,410	2	1.5%	17.5	***	***
20868	694	0	0.0%	0.0	--	--
20871	10,083	1	0.7%	9.9	***	***
20872	11,195	0	0.0%	0.0	--	--
20874	48,432	9	6.6%	18.6	2.8	55.6%
20876	21,292	2	1.5%	9.4	***	***
20877	29,317	8	5.8%	27.3	5.2	50.0%
20878	53,480	5	3.6%	9.3	2.2	60.0%
20879	20,846	4	2.9%	19.2	***	***
20880	413	0	0.0%	0.0	--	--
20882	12,288	1	0.7%	8.1	***	***
20886	28,624	3	2.2%	10.5	***	***
20895	16,252	3	2.2%	18.5	***	***
20896	783	0	0.0%	0.0	--	--
20899	145	0	0.0%	0.0	--	--
20901	29,734	4	2.9%	13.5	***	***
20902	41,870	9	6.6%	21.5	5.8	33.3%
20903	15,364	2	1.5%	13.0	***	***
20904	47,325	19	13.9%	40.1	4	47.4%
20905	15,995	1	0.7%	6.3	***	***
20906	57,381	15	10.9%	26.1	3.1	60.0%
20910	34,129	10	7.3%	29.3	2.2	40.0%
20912	18,541	3	2.2%	16.2	***	***
21771	224	0	0.0%	0.0	--	--
Unknown	--	2	1.5%	--	1.3	50.0%
TOTAL	843,834	137	100.0%	16.2	3.4	48.9%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
20705	152	***	***	***	***	***	***	***	***	***	***
20707	278	***	***	***	***	***	***	***	***	***	***
20777	41	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20812	213	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20814	24,997	29	1.8%	116.0	23	1.2%	92.0	52	1.5%	208.0	480
20815	25,917	17	1.1%	65.6	18	1.0%	69.5	35	1.0%	135.0	740
20816	13,800	16	1.0%	115.9	8	0.4%	58.0	24	0.7%	173.9	575
20817	31,032	21	1.3%	67.7	18	1.0%	58.0	39	1.1%	125.7	795
20818	1,746	3	0.2%	171.8	3	0.2%	171.8	6	0.2%	343.6	291
20832	21,699	13	0.8%	59.9	8	0.4%	36.9	21	0.6%	96.8	1,033
20833	6,521	4	0.3%	61.3	2	0.1%	30.7	6	0.2%	92.0	1,086
20837	5,052	2	0.1%	39.6	3	0.2%	59.4	5	0.1%	99.0	1,010
20838	230	***	***	***	***	***	***	***	***	***	***
20839	195	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20841	8,566	7	0.4%	81.7	3	0.2%	35.0	10	0.3%	116.7	856
20842	1,349	1	0.1%	74.1	1	0.1%	74.1	2	0.1%	148.2	674
20850	40,745	61	3.9%	149.7	59	3.1%	144.8	120	3.5%	294.5	339
20851	12,565	22	1.4%	175.1	10	0.5%	79.6	32	0.9%	254.7	392
20852	36,883	64	4.1%	173.5	51	2.7%	138.3	115	3.3%	311.8	320
20853	25,969	21	1.3%	80.9	38	2.0%	146.3	59	1.7%	227.2	440
20854	43,198	30	1.9%	69.4	22	1.2%	50.9	52	1.5%	120.4	830
20855	12,762	13	0.8%	101.9	15	0.8%	117.5	28	0.8%	219.4	455
20860	2,127	0	0.0%	0.0	4	0.2%	188.1	4	0.1%	188.1	531
20861	1,660	1	0.1%	60.2	3	0.2%	180.7	4	0.1%	240.9	415
20862	320	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20866	11,410	28	1.8%	245.4	27	1.4%	236.6	55	1.6%	482.0	207
20868	694	***	***	***	***	***	***	***	***	***	***
20871	10,083	3	0.2%	29.8	9	0.5%	89.3	12	0.3%	119.0	840
20872	11,195	11	0.7%	98.3	7	0.4%	62.5	18	0.5%	160.8	621
20874	48,432	98	6.2%	202.3	86	4.6%	177.6	184	5.3%	379.9	263
20876	21,292	32	2.0%	150.3	24	1.3%	112.7	56	1.6%	263.0	380
20877	29,317	62	3.9%	211.5	100	5.3%	341.1	162	4.7%	552.6	180
20878	53,480	45	2.9%	84.1	66	3.5%	123.4	111	3.2%	207.6	481
20879	20,846	32	2.0%	153.5	49	2.6%	235.1	81	2.3%	388.6	257
20880	413	***	***	***	***	***	***	***	***	***	***
20882	12,288	9	0.6%	73.2	7	0.4%	57.0	16	0.5%	130.2	767
20886	28,624	32	2.0%	111.8	61	3.2%	213.1	93	2.7%	324.9	307
20895	16,252	15	1.0%	92.3	24	1.3%	147.7	39	1.1%	240.0	416
20896	783	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20899	145	***	***	***	***	***	***	***	***	***	***
20901	29,734	82	5.2%	275.8	91	4.8%	306.0	173	5.0%	581.8	171
20902	41,870	113	7.2%	269.9	150	8.0%	358.2	263	7.6%	628.1	159
20903	15,364	62	3.9%	403.5	89	4.7%	579.3	151	4.4%	982.8	101
20904	47,325	167	10.6%	352.9	210	11.1%	443.7	377	10.9%	796.6	125
20905	15,995	17	1.1%	106.3	21	1.1%	131.3	38	1.1%	237.6	420
20906	57,381	141	8.9%	245.7	169	9.0%	294.5	310	9.0%	540.3	185
20910	34,129	145	9.2%	424.9	185	9.8%	542.1	330	9.5%	966.9	103
20912	18,541	110	7.0%	593.3	170	9.0%	916.9	280	8.1%	1,510.2	66
21771	224	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Unknown	--	32	2.0%	--	47	2.5%	--	72	2.1%	--	--
TOTAL	843,834	1,576	100.0%	186.8	1,886	100.0%	223.5	3,462	100.0%	410.3	243

*** Data withheld due to low population counts and/or case counts

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.
Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20705	***	***	***	***	***	***	***	***
20707	***	***	***	***	***	***	***	***
20777	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20812	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20814	52	27	51.9%	561	14.8%	11.1%	14.8%	59.3%
20815	35	15	42.9%	540	0.0%	13.3%	20.0%	66.7%
20816	24	8	33.3%	515	12.5%	0.0%	25.0%	62.5%
20817	39	21	53.8%	524	4.8%	14.3%	28.6%	52.4%
20818	6	***	***	***	***	***	***	***
20832	21	8	38.1%	569	12.5%	0.0%	12.5%	75.0%
20833	6	***	***	***	***	***	***	***
20837	5	5	100.0%	277	20.0%	40.0%	20.0%	20.0%
20838	***	***	***	***	***	***	***	***
20839	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20841	10	***	***	***	***	***	***	***
20842	***	***	***	***	***	***	***	***
20850	120	52	43.3%	555	11.5%	17.3%	13.5%	57.7%
20851	32	16	50.0%	582	6.3%	12.5%	6.3%	75.0%
20852	115	46	40.0%	627	2.2%	13.0%	15.2%	69.6%
20853	59	35	59.3%	488	8.6%	11.4%	31.4%	48.6%
20854	52	15	28.8%	638	0.0%	6.7%	26.7%	66.7%
20855	28	13	46.4%	522	0.0%	23.1%	23.1%	53.8%
20860	***	***	***	***	***	***	***	***
20861	***	***	***	***	***	***	***	***
20862	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20866	55	31	56.4%	568	9.7%	12.9%	16.1%	61.3%
20868	***	***	***	***	***	***	***	***
20871	12	7	58.3%	677	14.3%	14.3%	14.3%	57.1%
20872	18	7	38.9%	614	14.3%	14.3%	0.0%	71.4%
20874	184	92	50.0%	479	17.4%	9.8%	26.1%	46.7%
20876	56	26	46.4%	507	15.4%	19.2%	15.4%	50.0%
20877	162	88	54.3%	541	14.8%	14.8%	19.3%	51.1%
20878	111	64	57.7%	494	15.6%	15.6%	20.3%	48.4%
20879	81	46	56.8%	567	13.0%	15.2%	13.0%	58.7%
20880	***	***	***	***	***	***	***	***
20882	16	7	43.8%	375	28.6%	14.3%	14.3%	42.9%
20886	93	53	57.0%	446	9.4%	20.8%	28.3%	41.5%
20895	39	21	53.8%	672	9.5%	9.5%	14.3%	66.7%
20896	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20899	***	***	***	***	***	***	***	***
20901	173	89	51.4%	530	7.9%	16.9%	18.0%	57.3%
20902	263	141	53.6%	566	14.2%	12.8%	17.0%	56.0%
20903	151	71	47.0%	529	11.3%	14.1%	21.1%	53.5%
20904	377	195	51.7%	524	10.8%	19.0%	18.5%	51.8%
20905	38	20	52.6%	506	10.0%	15.0%	25.0%	50.0%
20906	310	158	51.0%	511	13.9%	12.0%	22.8%	51.3%
20910	330	145	43.9%	547	9.7%	16.6%	17.9%	55.9%
20912	280	142	50.7%	494	11.3%	18.3%	21.1%	49.3%
21771	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Unknown	79	17	23.9%	652	11.8%	5.9%	17.6%	64.7%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20705	***	***	***	***	***
20707	***	***	***	***	***
20777	0	0	0.0%	0.0%	--
20812	0	0	0.0%	0.0%	--
20814	52	29	55.8%	89.7%	297,750
20815	35	16	45.7%	93.8%	3,699
20816	24	9	37.5%	100.0%	--
20817	39	20	51.3%	90.0%	4,500
20818	6	5	83.3%	100.0%	--
20832	21	9	42.9%	77.8%	17,573
20833	6	***	***	***	***
20837	5	***	***	***	***
20838	***	***	***	***	***
20839	0	0	0.0%	0.0%	--
20841	10	***	***	***	***
20842	***	***	***	***	***
20850	120	51	42.5%	86.3%	51,000
20851	32	14	43.8%	71.4%	12,909
20852	115	49	42.6%	79.6%	25,481
20853	59	38	64.4%	86.8%	10,843
20854	52	14	26.9%	78.6%	3,830
20855	28	14	50.0%	85.7%	665
20860	***	***	***	***	***
20861	***	***	***	***	***
20862	0	0	0.0%	0.0%	--
20866	55	29	52.7%	86.2%	947
20868	***	***	***	***	***
20871	12	7	58.3%	85.7%	42,780
20872	18	7	38.9%	57.1%	4019
20874	184	89	48.4%	74.2%	7650
20876	56	28	50.0%	75.0%	2236
20877	162	89	54.9%	75.3%	5643
20878	111	63	56.8%	84.1%	1640
20879	81	46	56.8%	76.1%	11,181
20880	***	***	***	***	***
20882	16	8	50.0%	87.5%	820
20886	93	56	60.2%	82.1%	29,500
20895	39	20	51.3%	90.0%	398,929
20896	0	0	0.0%	0.0%	--
20899	***	***	***	***	***
20901	173	91	52.6%	87.9%	3,950
20902	263	144	54.8%	83.3%	7,498
20903	151	73	48.3%	86.3%	3,322
20904	377	195	51.7%	81.0%	14,592
20905	38	21	55.3%	81.0%	1,399
20906	310	165	53.2%	77.0%	9,979
20910	330	152	46.1%	84.2%	2,206
20912	280	142	50.7%	85.2%	2,060
21771	0	0	0.0%	0.0%	--
Unknown	79	15	21.1%	66.7%	1,210
TOTAL	3,462	1,736	50.1%	81.7%	7,048

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

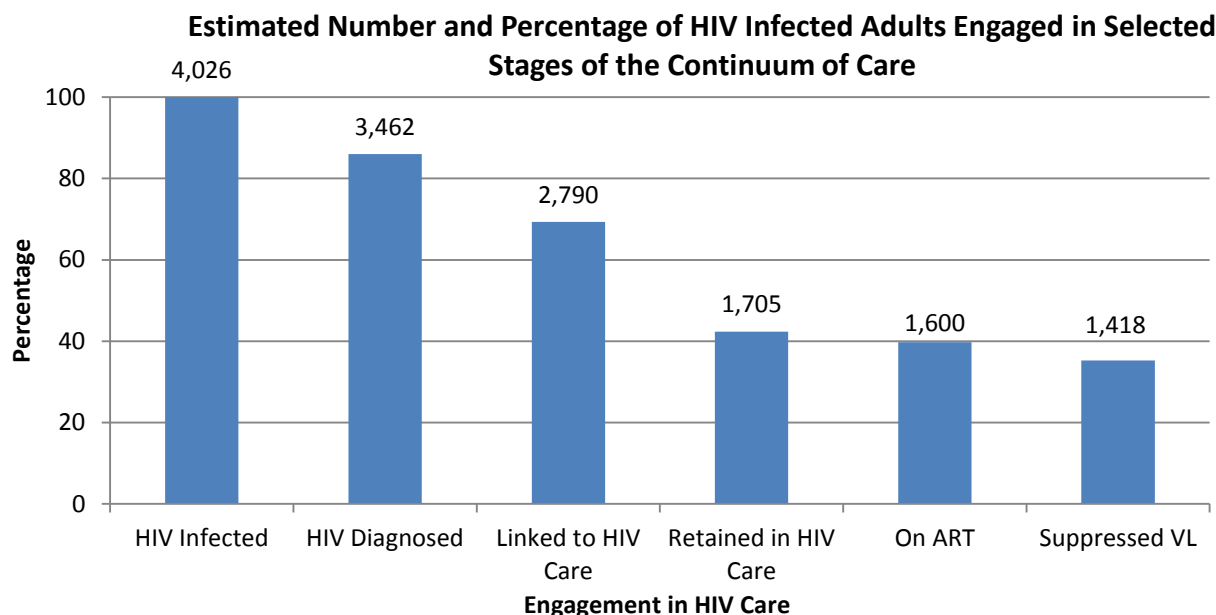
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	4,026	100.0%
HIV Diagnosed	3,462	86.0%
Linked to HIV Care	2,790	69.3%
Retained in HIV Care	1,705	42.4%
On ART	1,600	39.7%
Suppressed VL	1,418	35.2%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	66,123	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	106,720	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	89,524	5	2.6%	5.6	5	100.0%	***	***	5	100.0%	444
20-29	123,243	32	16.3%	26.0	23	71.9%	7	21.9%	23	71.9%	358
30-39	141,438	60	30.6%	42.4	48	80.0%	17	28.3%	44	73.3%	330
40-49	147,542	53	27.0%	35.9	43	81.1%	24	45.3%	44	83.0%	235
50-59	147,857	33	16.8%	22.3	27	81.8%	17	51.5%	28	84.8%	257
60+	194,230	13	6.6%	6.7	12	92.3%	***	***	12	92.3%	323
TOTAL	1 016 677	196	100.0%	19.3	158	80.6%	73	37.2%	156	79.6%	288

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	66,123	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	106,720	0	0.0%	0.0	--	0.0%
13-19	89,524	3	2.2%	3.4	***	***
20-29	123,243	12	8.8%	9.7	1.6	50.0%
30-39	141,438	29	21.2%	20.5	3.3	41.4%
40-49	147,542	45	32.8%	30.5	4.0	46.7%
50-59	147,857	32	23.4%	21.6	3.1	59.4%
60+	194,230	16	11.7%	8.2	4.7	37.5%
TOTAL	1,016,677	137	100.0%	13.5	3.4	48.9%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	66,123	1	0.1%	1.5	0	0.0%	0.0	1	0.0%	1.5	66,123
5-12	106,720	3	0.2%	2.8	3	0.2%	2.8	6	0.2%	5.6	17,786
13-19	89,524	19	1.2%	21.2	7	0.4%	7.8	26	0.7%	29.0	3,443
20-29	123,243	183	11.5%	148.5	83	4.4%	67.3	266	7.6%	215.8	463
30-39	141,438	400	25.1%	282.8	307	16.1%	217.1	707	20.2%	499.9	200
40-49	147,542	464	29.1%	314.5	659	34.6%	446.7	1,123	32.1%	761.1	131
50-59	147,857	379	23.8%	256.3	574	30.1%	388.2	953	27.3%	644.5	155
60+	194,230	144	9.0%	74.1	271	14.2%	139.5	415	11.9%	213.7	468
TOTAL	1,016,677	1,593	100.0%	156.7	1,904	100.0%	187.3	3,497	100.0%	344.0	290

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	14	8	57.1%	544	12.5%	12.5%	25.0%	50.0%
20-29	253	130	51.4%	551	8.5%	15.4%	20.8%	55.4%
30-39	704	370	52.6%	515	11.4%	14.9%	21.6%	52.2%
40-49	1,123	546	48.6%	527	11.7%	14.7%	21.1%	52.6%
50-59	953	458	48.1%	548	11.6%	15.5%	16.2%	56.8%
60+	415	193	46.5%	523	14.0%	13.5%	19.7%	52.8%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	14	10	71.4%	50.0%	12,040
20-29	253	133	52.6%	66.9%	6,799
30-39	704	378	53.7%	82.0%	14,282
40-49	1,123	561	50.0%	81.5%	3,507
50-59	953	460	48.3%	83.7%	7,630
60+	415	194	46.7%	89.2%	7,080
TOTAL	3,462	1,736	50.1%	81.7%	7,048

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Male	402,396	113	57.7%	28.1	93	82.3%	45	39.8%		93	82.3%	288
Female	441,438	83	42.3%	18.8	65	78.3%	28	33.7%		63	75.9%	288
TOTAL	843,834	196	100.0%	23.2	158	80.6%	73	37.2%		156	79.6%	288

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Hispanic	143,273	28	14.3%	19.5	20	71.4%	9	32.1%		23	82.1%	350
Non-Hispanic	700,561	168	85.7%	24.0	138	82.1%	64	38.1%		133	79.2%	284
American Indian/Alaska Native, only	1,463	0	0.0%	0.0	0	0.0%	0	0.0%		0	0.0%	--
Asian, only	125,853	7	3.6%	5.6	***	***	***	***		***	***	***
Black, only	142,570	131	66.8%	91.9	106	80.9%	52	39.7%		104	79.4%	267
Native Hawaiian/Other Pacific Islander, only	414	0	0.0%	0.0	0	0.0%	0	0.0%		0	0.0%	--
White only	414,230	27	13.8%	6.5	23	85.2%	9	33.3%		21	77.8%	306
Multiracial/Other	16,031	3	1.5%	18.7	***	***	***	***		***	***	***
TOTAL	843,834	196	100.0%	23.2	158	80.6%	73	37.2%		156	79.6%	288

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
United States	516,297	116	59.2%	22.5	93	80.2%	38	32.8%		85	73.3%	273
Foreign-born	304,949	53	27.0%	17.4	42	79.2%	25	47.2%		47	88.7%	306
Africa	--	38	19.4%	--	28	73.7%	22	57.9%		32	84.2%	234
Asia	--	3	1.5%	--	***	***	***	***		***	***	***
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%		0	0.0%	--
Central America	--	10	5.1%	--	9	90.0%	***	***		10	100.0%	428
Other	--	2	1.0%	--	***	***	***	***		***	***	***
Unknown	--	27	13.8%	--	23	85.2%	10	37.0%		24	88.9%	310
TOTAL	821,246	196	100.0%	23.9	158	80.6%	73	37.2%		156	79.6%	288

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	402,396	93	67.9%	23.1	3.1	49.5%
Female	441,438	44	32.1%	10.0	4.1	47.7%
TOTAL	843,834	137	100.0%	16.2	3.4	48.9%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	143,273	22	16.1%	15.4	3.1	40.9%
Non-Hispanic	700,561	115	83.9%	16.4	3.5	50.4%
American Indian/Alaska Native, only	1,463	0	0.0%	0.0	--	0.0%
Asian, only	125,853	3	2.2%	2.4	***	***
Black, only	142,570	79	57.7%	55.4	2.9	57.0%
Native Hawaiian/Other Pacific Islander, only	414	0	0.0%	0.0	--	0.0%
White only	414,230	27	19.7%	6.5	5.1	37.0%
Multiracial/Other	16,031	6	4.4%	37.4	3.9	16.7%
TOTAL	843,834	137	100.0%	16.2	3.4	48.9%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	516,297	75	54.7%	14.5	3.7	49.3%
Foreign-born	304,949	45	32.8%	14.8	3.5	46.7%
Africa	--	33	24.1%	--	3.4	54.5%
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	1	0.7%	--	***	***
Central America	--	8	5.8%	0.0	3.3	37.5%
Other	--	3	2.2%	--	***	***
Unknown	--	17	12.4%	--	1.9	52.9%
TOTAL	821,246	137	100.0%	16.7	3.4	48.9%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	402,396	933	59.2%	231.9	1,170	62.0%	290.8	2,103	60.7%	522.6	191
Female	441,438	643	40.8%	145.7	716	38.0%	162.2	1,359	39.3%	307.9	324
TOTAL	843,834	1,576	100.0%	186.8	1,886	100.0%	223.5	3,462	100.0%	410.3	243

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	143,273	166	10.5%	115.9	277	14.7%	193.3	443	12.8%	309.2	323
Non-Hispanic	700,561	1,410	89.5%	201.3	1,609	85.3%	229.7	3,019	87.2%	430.9	232
American Indian/Alaska Native, only	1,463	4	0.3%	273.3	0	0.0%	0.0	4	0.1%	273.3	365
Asian, only	125,853	43	2.7%	34.2	20	1.1%	15.9	63	1.8%	50.1	1,997
Black, only	142,570	985	62.5%	690.9	1,206	63.9%	845.9	2,191	63.3%	1,536.8	65
Native Hawaiian/Other Pacific Islander, only	414	4	0.3%	967.1	1	0.1%	241.8	5	0.1%	1,208.9	82
White only	414,230	339	21.5%	81.8	323	17.1%	78.0	662	19.1%	159.8	625
Multiracial/Other	16,031	35	2.2%	218.3	59	3.1%	368.0	94	2.7%	586.4	170
TOTAL	843,834	1,576	100.0%	186.8	1,886	100.0%	223.5	3,462	100.0%	410.3	243

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	516,297	1,052	66.8%	203.8	1,124	59.6%	217.7	2,176	62.9%	421.5	237
Foreign-born	304,949	361	22.9%	118.4	690	36.6%	226.3	1,051	30.4%	344.6	290
Africa	--	232	14.7%	--	474	25.1%	--	706	20.4%	--	--
Asia	--	19	1.2%	--	14	0.7%	--	33	1.0%	--	--
Caribbean	--	15	1.0%	--	41	2.2%	--	56	1.6%	--	--
Central America	--	39	2.5%	--	93	4.9%	--	132	3.8%	--	--
Other	--	56	3.6%	--	68	3.6%	--	124	3.6%	--	--
Unknown	--	163	10.3%	--	72	10.3%	--	235	10.3%	--	--
TOTAL	821,246	1,576	100.0%	191.9	1,886	100.0%	229.7	3,462	100.0%	421.6	237

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	2,103	1,005	47.8%	516	13.4%	15.1%	19.3%	52.1%
Female	1,359	700	51.5%	549	9.0%	14.4%	20.3%	56.3%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	443	231	52.1%	494	16.0%	13.4%	22.5%	48.1%
Non-Hispanic	3,019	1,474	48.8%	538	10.9%	15.1%	19.3%	54.7%
American Indian/Alaska Native, only	4	***	***	***	***	***	***	***
Asian, only	63	28	44.4%	482	0.0%	17.9%	35.7%	46.4%
Black, only	2,191	1,083	49.4%	524	11.5%	16.1%	19.7%	52.7%
Native Hawaiian/Other Pacific Islander, only	5	***	***	***	***	***	***	***
White only	662	292	44.1%	577	8.9%	11.3%	17.8%	62.0%
Multiracial/Other	94	66	70.2%	559	15.2%	15.2%	12.1%	57.6%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	2,176	1,010	46.4%	543	11.9%	14.0%	19.0%	55.1%
Foreign-born	1,051	555	52.8%	496	11.4%	16.2%	22.9%	49.5%
Africa	706	386	54.7%	475	11.7%	18.9%	22.8%	46.6%
Asia	33	17	51.5%	609	0.0%	0.0%	17.6%	82.4%
Caribbean	56	24	42.9%	729	8.3%	0.0%	20.8%	70.8%
Central America	132	77	58.3%	470	18.2%	14.3%	24.7%	42.9%
Other	124	51	41.1%	563	3.9%	11.8%	23.5%	60.8%
Unknown	235	140	59.6%	569	10.7%	15.7%	12.1%	61.4%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	2,103	1,019	48.5%	82.5%	8,720
Female	1,359	717	52.8%	80.6%	4,874
TOTAL	3,462	1,736	50.1%	81.7%	7,048

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	443	232	52.4%	86.2%	10,220
Non-Hispanic	3,019	1,504	49.8%	81.1%	6,570
American Indian/Alaska Native, only	4	***	***	***	***
Asian, only	63	29	46.0%	82.8%	100,000
Black, only	2,191	1,104	50.4%	79.2%	5,760
Native Hawaiian/Other Pacific Islander, only	5	***	***	***	***
White only	662	298	45.0%	87.6%	27,150
Multiracial/Other	94	68	72.3%	80.9%	3,249
TOTAL	3,462	1,736	50.1%	81.7%	7,048

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	2,176	1,026	47.2%	80.2%	7,048
Foreign-born	1,051	563	53.6%	84.7%	6,575
Africa	706	390	55.2%	83.8%	5,140
Asia	33	18	54.5%	66.7%	15,087
Caribbean	56	24	42.9%	87.5%	910
Central America	132	78	59.1%	87.2%	15,703
Other	124	53	42.7%	92.5%	26,524
Unknown	235	147	62.6%	81.0%	9,769
TOTAL	3,462	1,736	50.1%	81.7%	7,048

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

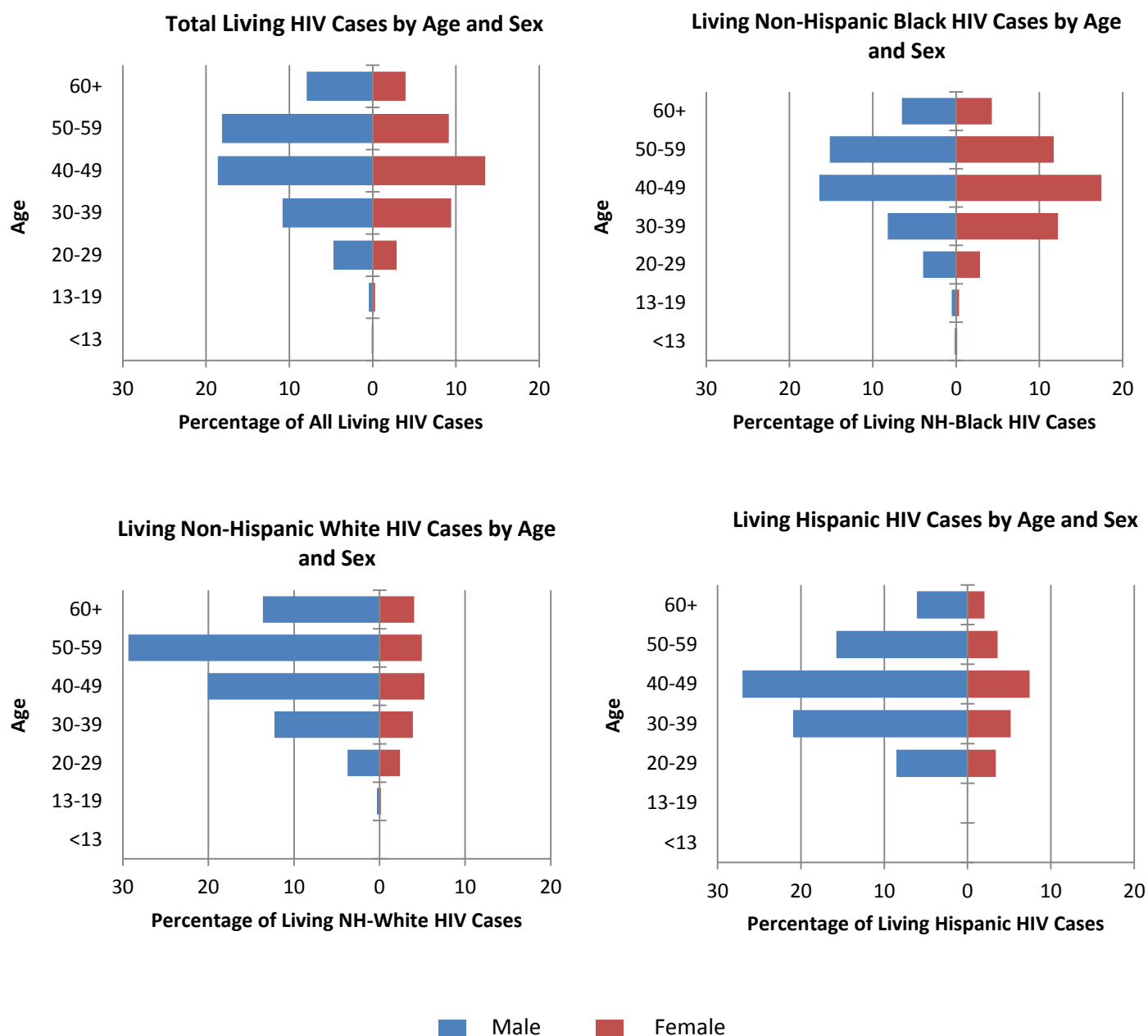
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	21,776	16,842	32,530	16,926	88,074
	Cases	0	4	0	0	4
	Rate	0.0	23.8	0.0	0.0	4.5
	Ratio (1 in X)	--	4,210	--	--	22,018
13-19	Population	9,824	8,810	19,312	16,926	54,872
	Cases	0	12	2	2	16
	Rate	0.0	136.2	10.4	11.8	29.2
	Ratio (1 in X)	--	734	9,656	8,463	3,429
20-29	Population	15,954	11,740	24,614	10,030	62,338
	Cases	38	88	25	14	165
	Rate	238.2	749.6	101.6	139.6	264.7
	Ratio (1 in X)	419	133	984	716	377
30-39	Population	17,969	11,834	26,408	12,639	68,850
	Cases	93	182	82	21	378
	Rate	517.6	1,537.9	310.5	166.2	549.0
	Ratio (1 in X)	193	65	322	601	182
40-49	Population	13,575	12,190	31,891	12,435	70,091
	Cases	120	364	134	32	650
	Rate	884.0	2,986.1	420.2	257.3	927.4
	Ratio (1 in X)	113	33	237	388	107
50-59	Population	8,647	10,459	40,085	10,934	70,125
	Cases	70	336	196	31	633
	Rate	809.5	3,212.5	489.0	283.5	902.7
	Ratio (1 in X)	123	31	204	352	110
60+	Population	6,094	9,537	56,630	12,848	85,109
	Cases	27	144	91	15	277
	Rate	443.1	1,509.9	160.7	116.7	325.5
	Ratio (1 in X)	225	66	622	856	307
TOTAL MALES BY RACE/ ETHNICITY	Population	93,839	81,412	231,470	92,738	499,459
	Cases	348	1,130	530	115	2,123
	Rate	370.8	1,388.0	229.0	124.0	425.1
	Ratio (1 in X)	269	72	436	806	235

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	20,900	16,210	31,276	16,383	84,769
	Cases	0	3	0	0	3
	Rate	0.0	18.5	0.0	0.0	3.5
	Ratio (1 in X)	--	5,403	--	--	28,256
13-19	Population	9,291	8,547	18,131	7,672	43,641
	Cases	0	8	1	1	10
	Rate	0.0	93.6	5.5	13.0	22.9
	Ratio (1 in X)	--	1,068	18,131	7,671	4,364
20-29	Population	14,100	12,490	23,748	10,567	60,905
	Cases	15	64	16	6	101
	Rate	106.4	512.4	67.4	56.8	165.8
	Ratio (1 in X)	940	195	1,484	1,761	603
30-39	Population	15,417	14,600	27,399	15,172	72,588
	Cases	23	271	26	9	329
	Rate	149.2	1,856.2	94.9	59.3	453.2
	Ratio (1 in X)	670	53	1,053	1,685	220
40-49	Population	13,355	14,955	33,976	15,165	77,451
	Cases	33	387	35	18	473
	Rate	247.1	2,587.8	103.0	118.7	610.7
	Ratio (1 in X)	404	38	970	842	163
50-59	Population	9,786	12,904	42,403	12,639	77,732
	Cases	16	260	33	11	320
	Rate	163.5	2,014.9	77.8	87.0	411.7
	Ratio (1 in X)	611	49	1,284	1,149	242
60+	Population	9,261	14,504	69,633	15,723	109,121
	Cases	9	95	27	7	138
	Rate	97.2	655.0	38.8	44.5	126.5
	Ratio (1 in X)	1,029	152	2,579	2,246	790
TOTAL FEMALES BY RACE/ ETHNICITY	Population	92,110	94,210	246,566	93,321	526,207
	Cases	96	1,088	138	52	1,374
	Rate	104.2	1,154.9	56.0	55.7	261.1
	Ratio (1 in X)	959	86	1,786	1,794	382

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	119	100.0%	92	77.3%	40	33.6%	83.2%	310
Men who have Sex with Men (MSM)	49	41.2%	42	85.7%	13	26.5%	89.8%	390
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	68	57.1%	48	70.6%	27	39.7%	77.9%	273
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	77		66	85.7%	33	42.9%	74.0%	235
TOTAL	196		158	80.6%	73	37.2%	79.6%	288

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	73	100.0%	58	79.5%	24	32.9%	86.3%	310
Men who have Sex with Men (MSM)	49	67.1%	42	85.7%	13	26.5%	89.8%	390
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	24	32.9%	16	66.7%	11	45.8%	79.2%	181
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	40		35	87.5%	21	52.5%	75.0%	177
TOTAL	113		93	82.3%	45	39.8%	82.3%	288

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	46	100.0%	34	73.9%	16	34.8%	78.3%	321
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	44	95.7%	32	72.7%	16	36.4%	77.3%	308
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure*	37		31	83.8%	12	32.4%	73.0%	274
TOTAL	83		65	78.3%	28	33.7%	75.9%	288

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	79	100.0%	4.2	45.6%
Men who have Sex with Men (MSM)	29	36.7%	4.1	48.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	46	58.2%	4	47.8%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	58		2.3	53.4%
TOTAL	137		3.4	48.9%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	49	100.0%	3.8	49.0%
Men who have Sex with Men (MSM)	29	59.2%	4.1	48.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	18	36.7%	3.3	55.6%
Other Exposures	***	***	***	***
No Reported Exposure	44		2.4	50.0%
TOTAL	93		3.1	49.5%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	30	100.0%	4.9	40.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	28	93.3%	4.4	42.9%
Other Exposures	***	***	***	***
No Reported Exposure*	14		2.3	64.3%
TOTAL	44		4.1	47.7%

* Includes 1 AIDS cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	863	100.0%	1,410	100.0%	2,273	100.0%
Men who have Sex with Men (MSM)	370	42.9%	466	33.0%	836	36.8%
Injection Drug Users (IDU)	32	3.7%	107	7.6%	139	6.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	1.6%	40	2.8%	54	2.4%
Heterosexual Exposure (HET)	439	50.9%	783	55.5%	1,222	53.8%
Other Exposures	8	0.9%	14	1.0%	22	1.0%
No Reported Exposure	713		476		1,189	
TOTAL	1,576		1,886		3,462	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	545	100.0%	876	100.0%	1,421	100.0%
Men who have Sex with Men (MSM)	370	67.9%	466	53.2%	836	58.8%
Injection Drug Users (IDU)	24	4.4%	68	7.8%	92	6.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	2.6%	40	4.6%	54	3.8%
Heterosexual Exposure (HET)	134	24.6%	295	33.7%	429	30.2%
Other Exposures	3	0.6%	7	0.8%	10	0.7%
No Reported Exposure	388		294		682	
TOTAL	933		1,170		2,103	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	318	100.0%	534	100.0%	852	100.0%
Injection Drug Users (IDU)	8	2.5%	39	7.3%	47	5.5%
Heterosexual Exposure (HET)	305	95.9%	488	91.4%	793	93.1%
Other Exposures	5	1.6%	7	1.3%	12	1.4%
No Reported Exposure*	325		182		507	
TOTAL	643		716		1,359	

* Includes 2 HIV cases without AIDS and 6 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	325	100.0%	1,418	100.0%	425	100.0%
Men who have Sex with Men (MSM)	151	46.5%	328	23.1%	301	70.8%
Injection Drug Users (IDU)	13	4.0%	84	5.9%	33	7.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	1.8%	25	1.8%	16	3.8%
Heterosexual Exposure (HET)	153	47.1%	970	68.4%	66	15.5%
Other Exposures	2	0.6%	11	0.8%	9	2.1%
No Reported Exposure	118		773		237	
TOTAL	443		2,191		662	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	259	100.0%	715	100.0%	368	100.0%
Men who have Sex with Men (MSM)	151	58.3%	328	45.9%	301	81.8%
Injection Drug Users (IDU)	***	***	53	7.4%	21	5.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	6	2.3%	25	3.5%	16	4.3%
Heterosexual Exposure (HET)	89	34.4%	306	42.8%	24	6.5%
Other Exposures	***	***	3	0.4%	6	1.6%
No Reported Exposure	88		400		159	
TOTAL	347		1,115		527	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	66	100.0%	703	100.0%	57	100.0%
Injection Drug Users (IDU)	***	***	31	4.4%	12	21.1%
Heterosexual Exposure (HET)	64	97.0%	664	94.5%	42	73.7%
Other Exposures	***	***	8	1.1%	3	5.3%
No Reported Exposure*	30		373		78	
TOTAL	96		1,076		135	

* Includes 1 Hispanic cases, 6 non-Hispanic black cases, and 1 non-Hispanic white cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	2,273	1,191	52.4%	524	11.5%	15.3%	20.3%	52.9%
Men who have Sex with Men (MSM)	836	420	50.2%	536	9.8%	16.0%	18.3%	56.0%
Injection Drug Users (IDU)	139	54	38.8%	487	16.7%	7.4%	27.8%	48.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	54	24	44.4%	501	16.7%	16.7%	16.7%	50.0%
Heterosexual Exposure (HET)	1,222	686	56.1%	516	12.1%	15.2%	21.1%	51.6%
Other Exposures	22	7	31.8%	483	0.0%	42.9%	14.3%	42.9%
No Reported Exposure	1,189	514	43.2%	548	11.9%	13.8%	18.3%	56.0%
TOTAL	3,462	1,705	49.2%	531	11.6%	14.8%	19.7%	53.8%

* Includes 8 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	2,273	1,203	52.9%	82.7%	7,273
Men who have Sex with Men (MSM)	836	431	51.6%	83.3%	8,050
Injection Drug Users (IDU)	139	48	34.5%	70.8%	6,602
Men who have Sex with Men and Inject Drugs (MSM/IDU)	54	21	38.9%	85.7%	42,780
Heterosexual Exposure (HET)	1,222	695	56.9%	83.2%	6,570
Other Exposures	22	8	36.4%	75.0%	371
No Reported Exposure	1,189	533	44.8%	79.5%	5,850
TOTAL	3,462	1,736	50.1%	81.7%	7,048

* Includes 8 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

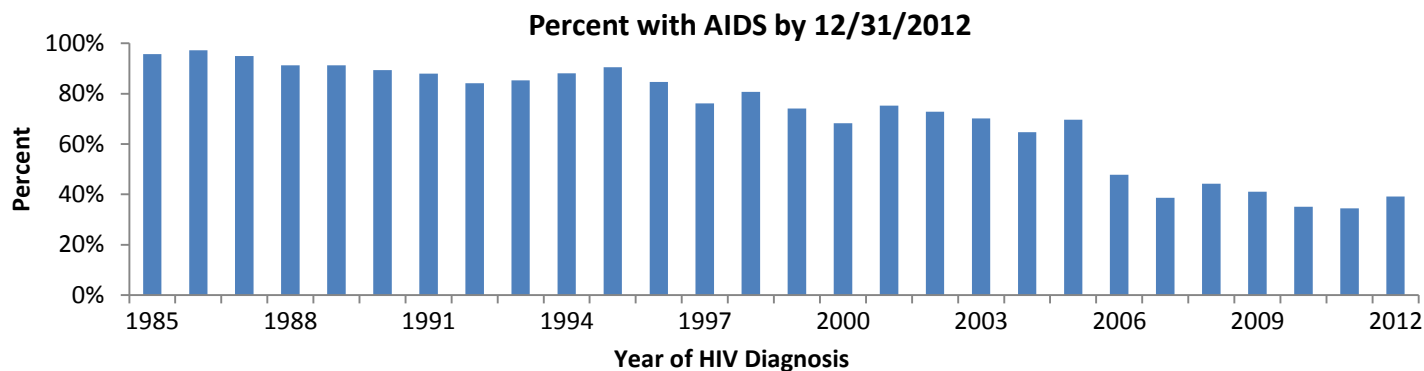
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014

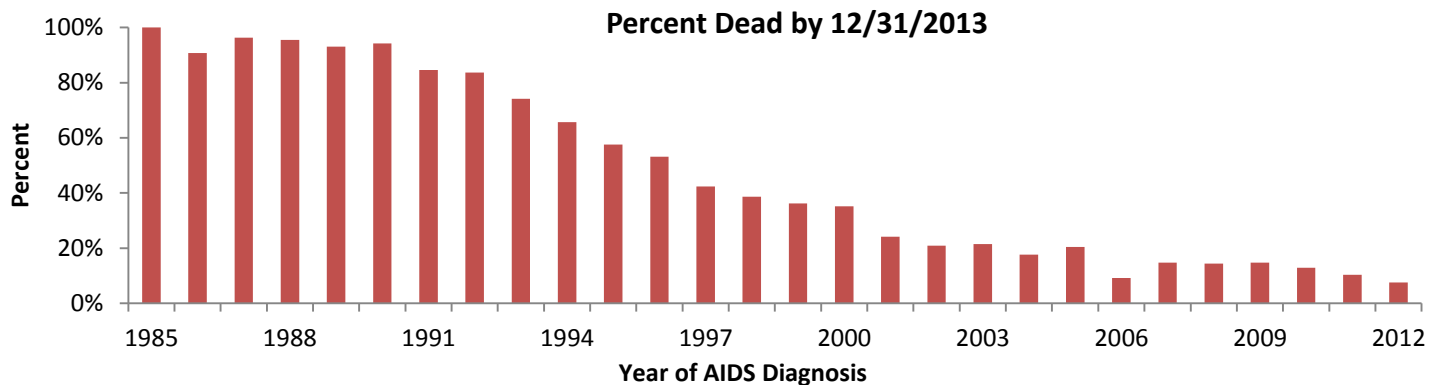
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	38	36	94.7%	7.0	39.5%	39.5%	47.4%	63.2%
1985	92	88	95.7%	6.1	37.0%	39.1%	44.6%	75.0%
1986	109	106	97.2%	4.4	49.5%	50.5%	60.6%	86.2%
1987	141	134	95.0%	3.0	56.7%	58.2%	70.9%	88.7%
1988	173	158	91.3%	2.8	51.4%	54.9%	72.3%	87.3%
1989	183	167	91.3%	2.5	54.6%	59.0%	73.2%	86.3%
1990	169	151	89.3%	2.4	49.1%	55.6%	75.1%	87.0%
1991	200	176	88.0%	2.2	54.5%	61.5%	78.0%	83.5%
1992	170	143	84.1%	2.8	46.5%	54.1%	68.2%	79.4%
1993	129	110	85.3%	1.6	59.7%	68.2%	77.5%	82.9%
1994	134	118	88.1%	2.1	61.9%	67.2%	73.9%	82.8%
1995	148	134	90.5%	1.7	66.2%	73.0%	79.1%	84.5%
1996	111	94	84.7%	1.9	59.5%	62.2%	73.0%	81.1%
1997	122	93	76.2%	1.8	57.4%	61.5%	65.6%	73.8%
1998	109	88	80.7%	1.7	58.7%	61.5%	71.6%	78.0%
1999	139	103	74.1%	1.4	57.6%	59.7%	65.5%	73.4%
2000	154	105	68.2%	1.7	50.6%	53.9%	57.8%	66.2%
2001	157	118	75.2%	1.4	57.3%	58.6%	68.2%	73.2%
2002	151	110	72.8%	0.8	61.6%	64.2%	70.2%	71.5%
2003	171	120	70.2%	1.0	59.1%	60.2%	65.5%	69.6%
2004	207	134	64.7%	1.0	54.6%	56.5%	59.4%	--
2005	204	142	69.6%	0.7	60.3%	61.8%	66.7%	--
2006	249	119	47.8%	1.0	37.3%	40.6%	45.0%	--
2007	346	134	38.7%	1.0	30.9%	31.8%	35.0%	--
2008	276	122	44.2%	0.9	35.1%	37.0%	--	--
2009	202	83	41.1%	1.0	32.2%	33.7%	--	--
2010	202	71	35.1%	0.7	27.2%	29.7%	--	--
2011	177	61	34.5%	0.5	29.4%	32.2%	--	--
2012	189	74	39.2%	0.3	33.9%	--	--	--
TOTAL	4,852	3,292	67.8%	1.9	47.7%	50.9%	58.5%	65.2%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

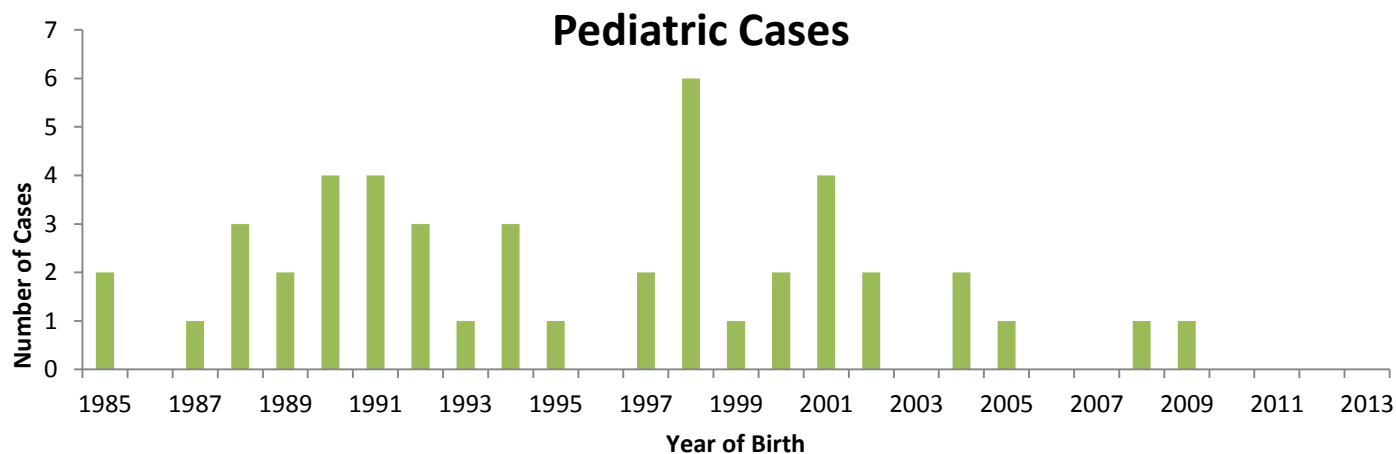


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	15	15	100.0%	0.7	33.3%	6.7%	0.0%	0.0%
1985	32	32	100.0%	1.1	37.5%	12.5%	6.3%	0.0%
1986	54	49	90.7%	1.4	50.0%	29.6%	13.0%	9.3%
1987	82	79	96.3%	2.0	61.0%	35.4%	11.0%	7.3%
1988	89	85	95.5%	2.2	65.2%	37.1%	13.5%	9.0%
1989	116	108	93.1%	2.9	71.6%	54.3%	22.4%	12.1%
1990	104	98	94.2%	2.7	64.4%	49.0%	18.3%	10.6%
1991	130	110	84.6%	2.3	67.7%	51.5%	21.5%	17.7%
1992	135	113	83.7%	2.1	63.7%	46.7%	23.7%	20.0%
1993	143	106	74.1%	2.8	75.5%	60.1%	39.2%	30.8%
1994	175	115	65.7%	2.9	78.3%	60.6%	46.3%	38.9%
1995	181	104	57.5%	4.2	75.7%	71.3%	63.0%	50.3%
1996	126	67	53.2%	4.8	80.2%	77.8%	69.0%	56.3%
1997	104	44	42.3%	3.2	80.8%	76.9%	68.3%	61.5%
1998	101	39	38.6%	3.7	86.1%	81.2%	72.3%	65.3%
1999	105	38	36.2%	3.8	84.8%	81.0%	75.2%	68.6%
2000	111	39	35.1%	5.1	92.8%	89.2%	82.0%	71.2%
2001	112	27	24.1%	3.5	92.0%	90.2%	83.9%	76.8%
2002	129	27	20.9%	3.0	90.7%	89.9%	84.5%	79.8%
2003	135	29	21.5%	2.4	91.1%	86.7%	83.0%	79.3%
2004	148	26	17.6%	2.1	90.5%	87.2%	86.5%	--
2005	147	30	20.4%	2.5	91.2%	89.1%	83.7%	--
2006	132	12	9.1%	1.9	95.5%	93.2%	92.4%	--
2007	136	20	14.7%	1.6	91.2%	89.0%	87.5%	--
2008	118	17	14.4%	1.6	93.2%	89.8%	--	--
2009	95	14	14.7%	1.2	89.5%	89.5%	--	--
2010	93	12	12.9%	1.5	93.5%	91.4%	--	--
2011	68	7	10.3%	1.0	95.6%	91.2%	--	--
2012	93	7	7.5%	-0.4	92.5%	--	--	--
TOTAL	3,209	1,469	45.8%	2.7	81.5%	73.4%	62.5%	57.0%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	8	0	0	0	
1985	2	2	1	1	1
1986	0	3	0	0	4
1987	1	1	0	0	5
1988	3	1	2	0	7
1989	2	2	1	1	8
1990	4	1	0	0	9
1991	4	5	3	0	12
1992	3	4	2	2	14
1993	1	0	2	1	13
1994	3	1	2	1	14
1995	1	0	1	0	13
1996	0	4	2	0	16
1997	2	0	2	0	15
1998	6	1	1	1	15
1999	1	2	1	0	16
2000	2	3	0	0	19
2001	4	3	2	0	23
2002	2	4	3	0	27
2003	0	1	2	0	27
2004	2	0	0	0	27
2005	1	3	2	1	27
2006	0	5	0	1	31
2007	0	2	0	1	32
2008	1	2	2	0	34
2009	1	3	2	0	35
2010	0	0	1	0	35
2011	0	1	1	0	35
2012	0	0	0	0	35
2013	0	0	0	0	35
TOTAL	54	54	35	10	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
20816	1	2.9%
20817	1	2.9%
20850	2	5.7%
20853	1	2.9%
20854	1	2.9%
20874	2	5.7%
20876	1	2.9%
20877	1	2.9%
20878	1	2.9%
20879	1	2.9%
20886	1	2.9%
20895	2	5.7%
20901	1	2.9%
20902	2	5.7%
20903	3	8.6%
20904	3	8.6%
20905	3	8.6%
20906	4	11.4%
20910	2	5.7%
20912	1	2.9%
Unknown	1	2.9%
TOTAL	35	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	20	57.1%
Female	15	42.9%
TOTAL	35	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	2.9%
Non-Hispanic	34	97.1%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	1	2.9%
Black, only	27	79.4%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	6	17.6%
Multiracial/Other	0	0.0%
TOTAL	35	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31st of the specified year

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.